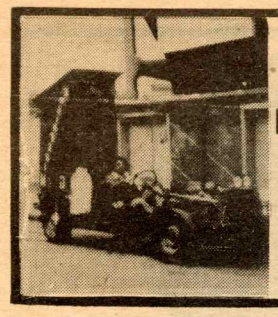


# The Concordia Engineer

# Boggemobile to be exiled to Loyola?

**RESOLUTION WITH RESPECT TO THE BOGGEMOBILE**

**WHEREAS** the duly appointed functionary in Physical Plant, acting in his rightful capacity, did discover, during an examination of the contents of the garage area of the Sir George Williams Campus, a certain article of high intrinsic value:and

**Whereas** said functionary did lawfully but unfeelingly decree that said article should be forewith removed and incarcerated on the distant campus of Loyola; and

**WHEREAS** the said article is essential to the morale, self-respect and right-thinking of those who deem it to be the emblem and symbol of their estate; and

**WHEREAS** ACCESS, FREQUENT AND IMMEDIATE, TO THE SERVICES OF SAID ARTICLE IS TO BE CONSIDERED NECESSARY IF ITS FUNCTION IS TO BE IMPLEMENTED ON ALL THOSE EXPECTED AND UNEXPECTED OCCASIONS WHICH DEMAND ITS PRESENCE: AND

**WHEREAS** the preservation of the noble traditions of our institution must supersede all petty considerations of space and the trivial accomodation of the whims of authority; and

WHEREAS the home of the said article is recognized to be within the walls that house its wardens; and

WHEREAS funding is required to provide surroundings worthy of this esteemed artifact;

**IT IS RESOLVED BY A UNANIMOUS VOTE OF ENGINEERING FACULTY COUNCIL [RESOLUTION EFC-74-93-9, moved** by Marsh, seconded by somebody; THAT:

1. a banquet be held for members of the university community for which a charge of $100 a plate will be made for those in faculties other than Engineering;

2. members of Senate are asked to participate on the same terms to demonstrate that those above us are also behind us;

3. members of the Faculty of Engineering will be expected to participate as a departmental duty;

4. the funds so generated be devoted to the renting and refurbishing of a space suited to the needs and functions of this dearly beloved Boggemobile.

Secretary
Engineering Faculty Council

# What do you know about engineering?

The term "ENGINEER" is used in a loose sense to describe a host of occupations and functions. For example, there are Sanitary Engineers, Stationary Engineers, and Locomotive Engineers.

The type of Engineer who graduates from a University eventually becomes known as a Professional Engineer and this designation is quite distinct from all the others. At Concordia University, the Engineering program is divided into four disciplines, namely Civil Engineering, Electrical Engineering, Mechanical Engineering, and Computer Science.

The common denominator in all disciplines is that it requires a lot of hard work to successfully complete the program. The rigorous nature of an engineering education is such that it forms strong bonds of fellowship and brotherhood amongst its own members. Each year this fellowship manifests itself in a concept which we call Engineering Week. This week, January 20 thru 24, consists of a diversity of activities which are designed for maximum student participation. The various events to be held will be publicized in the coming weeks and we ask for your support in making all of these events successful.

One of the highlights of the week will be the display of the engineering oriented processes, products and hardware on the main mezzanine floor of the Hall Building, and I would like to take this opportunity to extend a warm welcome to all of you to visit our display area.

Jerry Valk
Chairman of Engineering Week '75

# Engineering Queen Rules

1. The Candidate must be a full time or evening student of Concordia University (both campuses). To be eligible only registered FEMALES can be considered.
2. Only those having some parts in duplicate and others in unity can be considered.
3. Judging will take place during Engineering week by a qualified itinerary of Judges.
4. Prizes will be awarded to the winner, and 2 runners up of the contest. Consolation prizes for the unfortunate will be a free night with an engineer of your choosing.
5. No relatives of any of the Engineering Week committee representatives can be considered unless they meet the above requirements.
6. Rules 1-4 can be waved on special consideration of applicants who have been working directly under the chief contest coordinator.
7. If the credibility of the contestant is questionable, under rule #2, the Judges have the right to request a formal proof.
8. Due to space limitations the contestant must not exceed the following maximum specifications:

**Gross Weight to Height Ratio**
30 16/ft.

**Distributed Charge of Attraction**
10 x 10 23 coulombs/meter

**Distributed Charge of Repultion**
.000001 x 10- 56 coul/meter

**Kinetic Viscosity**
$\frac{10 \times 10\text{-}5 \text{ lbm sec}^2}{\text{ft}}$

**Modulus of Elasticity**
1000 cycles/sec

**Latent Heat of Fusion**
12 cal/mole

9. All those meeting the required specifications must fill out the attached form and present it at EUA Room 1180-2 to Steve Copoloff, chief contest coordinator, or any other member of the committee. In the event that there are no committee members available, the form should be slipped under the door. It will be deposited in a confidential box.
10. All entries will be kept strictly confidential.

# Editorial

As you may have gathered, if you have read the article on the front page, the Engineering Association has been ordered to get the Boggemobile out of the Sir George garage which may seem little more than a mild inconvenience, in reality however, it puts the Engineering Association in a bind. We are left with several alternatives, all bad. Firstly, the boggemobile can be incarcerated in, would you believe, Loyola. Secondly we can leave it out on the street (leave it out there for one week and you might still have the chassis). Lastly we could pay rent for the garage space (any volunteers?).

At this point one must pause and reflect to ferret out the reason Sir George needs this space now, surely that, would be the only viable excuse for exciling a symbol of the rising star of Sir George, — one of the few symbols uniquely indentifiable symbols of Sir George (try to name two others).

After all this moaning I am forced to make one final point, when people get screwed it is often due, or partially due to inaction on their part, so unless we want to lose our boggmobile we had damned well better get up off our collecteive rear echelon and put the heat on "those above us."


# The Concordia Engineer

The Concordia Engineer is published by the Engineering Undergraduate Association of Concordia University. Offices are located in Room 1180-2 Henry F. Hall Building 1455 de Maisonneuve Blvd. Montreal 107, Quebec, Telephone 879-4538.

Editor-in-chief ..... George Polson
Associate Editor ..... Doug Cully
News Editor ..... Bill Georgiades
Sports Editor ..... Andy Pragai


A practical joker deserves applause for his wit according to its quality. Bastinado is about right. For exceptional wit one might grant keelhauling. But staking him out on an anthill should be reserved for the very wittiest.

Always store beer in dark, cool places.

One man's magic is another man's engineering, supernatural is a null word.

Be wary of strong drink. It can make you shout at tax collectors and miss.

Yield to temptation, it may not pass your way again.

Researchers in Denmark found that beer tastes best when drunk to the accompaniment of a certain musical tone. The optimal frequency is different for each beer. The correct harmonious tone of Carlsberg lager, for example is 510—520 cycles per sec.

# E.U.A.

The Engineering Undergraduate Association is an entity comprising five elected representatives of the day engineering student body—President; Internal Vice-President; External Vice-President, Treasurer; and Secretary.

The President is the overseer of the EUA and the man responsible for its actions. It is his job to guide and represent the EUA. He is the direct link between the students and the Engineering Faculty hierarchy. He is to represent the association.

The Internal Vice-President is the second in command. He presides over the EUA meetings as chairman and is in charge of all internal business-council appointees etc. Together with the President he represents the EUA and guides their policies.

The External Vice-President is the man in charge of social events and outside activities. He is to represent and act for the association on outside activities and events. He is a spokesman and organizer with responsibilities.

The Treasurer is the one responsible for the budget. He is responsible for signing checks, cashing checks, petty cash and in general all monetary issues. It is his responsibility to guide the association along its budget limits and to make sure the EUA does not deviate from it.

The Secretary is the recording secretary of the EUA. It is his responsibility to attend all EUA meetings and to record the minutes of each. He is responsible for the filing of all mail and it is he who handles the mail. He is responsible for the records of the EUA and takes an active part with the above few, in running and representing the association.

All of the above members have an equal vote in the EUA, except the President and Int. Vice-President when they chair their respective meetings. Each member has an active part in the running of the EUA and each has a responsibility to the students who elected them.

The class representatives can either be appointed by the EUA or elected by each class. It is their responsibility to serve as the direct link between the EUA and the students. They are to notify and inform their respective classes of the association's events, actions, and policies, and likewise, they are to notify the association of their students' approval or dissent. They serve as the student representative to the EUA and are to make sure that the students have a voice on their association's policies. They also help out with the running of the association events.

The Engineering Week Chairman is the man appointed by the EUA to run Engineering Week. It is his responsibility to organize and supervise the week's displays and events. He is the representative of the students during the week, and the man in charge of all matters pertaining to this week.

**This year's alignment is:**

President—Don (Dandy) Brown
Internal Vice-President—Denis (Bubbles) Champagne
External Vice-President—Steve (Shifty) Copoloff
Treasurer—Claude (lover-boy) Robert
Secretary—Pat (Maniac) Plouffe
Engineering Week Chairman—Jerry (Jungle) Valk

Class Reps:
U1 Mechanical—Andy (Adorable) Praggai
U2 Mechanical—D.J. (The Nomad)
U3 Mechanical—Tom (Magic) Naiman
U1 Civil—
U2 Civil—George (Hairy) Polson
U3 Civil—Bill (Wild) Georgiodes
U1 Electrical—
U2 Electrical—Steve (Invisible) Cohen
U3 Electrical—(Crazy) Bruce McNeil
and Sexy Jaima as Computer-Science Rep.

This is the bunch!! that supervises and plans the events for the engineering and computer science students? So good luck and here's hoping—and by the looks of the above we'll need it--

**Ed. notes:** The man responsible for this obscene garbage is none other than the infamous masked man of the night. The man that knows all and does everything. That magnificent masked mystery man of the world—The Midnight Skulker.

# Arts Courses for Engineers

**Known to everyone, but its paternity admitted by very few, the limerick has held its place now, for exactly a century, as the chosen vehicle humour in the English language. The only true method to study the limerick is by inspecting and dissecting many examples of this most noble of poetic arts.**

There was a young lady of Exeter
So pretty, that men craned their necks at her
And one was so brave
As to take out and wave
The distinguishing mark of his sex at her.

There was a young man named Hughes
Who swore of all kinds of booze
He said "When I'm muddled
My senses get fuddled
And I pass up too many screws."

There was a young plumber of Leigh
Who was plumbing a girl by the sea
She said "Stop your plumbing,
There's somebody coming!"
Said the plumber, still plumbing, "It's me."

There once was a dentist named Stone
Who saw all his patients alone
In a fit of depravity
He filled the wrong cavity
And my, how his practice has grown.

There once was a Queen of Bulgaria
Whose bush had grown hairier and hairier,
Till a Prince from Peru
Who came up for a screw
Had to hunt for her cunt with a terrier.

A young curate, just new to the cloth,
At sex was surely no sloth
He preached masturbation
To his whole congregation
And was washed down the aisle on the froth.

An engineering student from mcGill
Made his neighbours exceedingly ill
When they learned of his habits
Involving white rabbits
And a bird with a flexible bill.

# Comparison of Engineering Programs in Quebec

**by Prof. Hugh J. McQueen**
**Mechanical Engineering**

As a result of the creation of collegial level institutions offering the 12th and 13th years of education, the engineering programs in Quebec universities had to be revised and shortened. The first engineers who had passed through the collegial program graduated in 1972 from the francophone universities and in 1973 from the anglophone ones. Since the programs have had time to be tested, now appears to be an appropriate time to examine what has been done at different universities. Furthermore, the problem of introduction of an engineering technology program, and the growing need for continuing education for engineers that arises from rapid technological change, give additional cause for looking at engineering education.

The comparison to be presented is based on the published calendars of the universities for the academic year 1973-74. The calendars of the universities should furnish the student with precise, up-to-date information about the subject content of the program and also about the amount and type of work demanded in terms of classes, tutorials, laboratories, and personal duty. Regrettably several universities such as Ecole Polytechnique and Sherbrooke do not clearly distinguish between laboratories and problem sessions. Furthermore, UQATR, whether to "streamline" its calendar or to prevent comparison by students or observers, gives no indication at all of the hours of classes or laboratories. The present method of comparison will undoubtedly draw criticism; however there is really no way that an external observer can gain better information except for the detailed enquiries which are confidentially conducted by accrediting teams of the Canadian Accreditation Board. The accreditation team is charged with ensuring that the program surpasses a minimum standard and of recommending improvements. The comparison presented does not take into account the quality of the teaching nor the enthusiasm imparted to the students.

Before discussing the program, I think it is advisable to describe the new academic structure in which courses are offered on a semester basis and successful completion of studies depends on passing individual courses and maintaining a cumulative average above approximately 65%. The weighting of a course in calculating the average is expressed in credits. A credit represents 45 hours of work per term according to the following uniform definition:

1 credit = 1/3 Weekly hours of (class and laboratories + problem tutorials + personal work)

The hours of personal work is estimated to be twice the number of class hours and half the number of laboratory hours; this standard has been followed to a large degree at Concordia, Laval, McGill, Sherbrooke and M.I.T. The expected work per week for a student can be calculated in the following way:

Weekly hours of work = 3 (total credits)/(number of semesters)

Thus a student who wishes to complete the Concordia program in 6 semesters can expect to work 60 hours per week. The above definition of a credit is widely used in the United States; M.I.T. has used it for many years and has a 120 credits spread over a 4 year program which commences after grade 12, the equivalent of College I.

To compare the B.Eng. or B.A.Sc. with the B. Tech. program one should add the data for CEGEP II (General) to the engineering technology program. This has been done for total classes and total credits in the last two columns of the table. For comparison of other parameters between (Concordia + CEGEP II) and (B. Tech. U.Q. + CEGEP II, III), the term hours of class are 146 and 128; problems 11 and 46; laboratories, 47 and 61.

The choice of 120 credits upon introduction of the post CEGEP university program represented a reduction of 20-30 credits compared to the old program after the courses to be taught in the CEGEP university program represented a reduction of 20-30 credits compared to the old program after the courses to be taught in the CEGEP had been deleted. This number of credits is approximately 33% greater than that at MIT in its final 3 years partly because there is a greater coverage of practical engineering and partly because the theoretical concepts are presented with more detailed explanation which was thought advisable for a student body with a greater distribution of capabilities than the students of M.I.T. who are selected from the best in the United States. Thus, at Concordia the students take two courses in thermodynamics, in fluid mechanics, etc. compared to one at M.I.T. As can be seen from the table, McGill comes the closest to following the program at M.I.T. by means of a very low number of lecture hours. For programs having the same number of credits (120), it is amazing that there can be such great diversity in the number of courses and class hours.

The following analysis is made on the assumption that all the programs achieve approximately the same educational goals, which is founded on the fact that each program has been accredited by the CAB. McGill's program demands the most from the students since they must learn with fewer hours of classes; the students have to do more personal work so that the hours projected may be underestimated. At Ecole Polytechnique the classes are 40% more than in other programs with a consequent reduction in amount of personal work demanded. However, looked at in another way, the curriculum planners have met the objective of 120 credits not by eliminating or combining courses but simply by estimating less personal work for the students; there is thus the possibility of considerable underestimation of the amount of work required. At Ecole Polytechnique the extraordinarily high ratio of classes to credits perhaps indicates that the professors there are overly loquacious. The three older francophone universities have 20% more courses than the anglophone. While the UQATR calendar does not specify the hours of class or laboratory, the course descriptions leave the impression that there is a lack of laboratory time.

Examination of the programs from the viewpoint of the responsibilities of engineers towards society as a whole shows that the gamut runs from nothing to complete compliance with the ASEE recommendations as found at Sherbrooke. Generally the legal aspects of engineering practice are covered in the courses listed as administration.

In conclusion, the engineering programs exhibit considerable diversity while remaining withing the requirements for accreditation. Some of the programs exhibit extremes of demanding either too much or too little personal work from the student; it will be interesting to see how these programs succeed in the long run. The Order should demand more uniform treatment of the legal and societal responsibilities of the engineering profession.

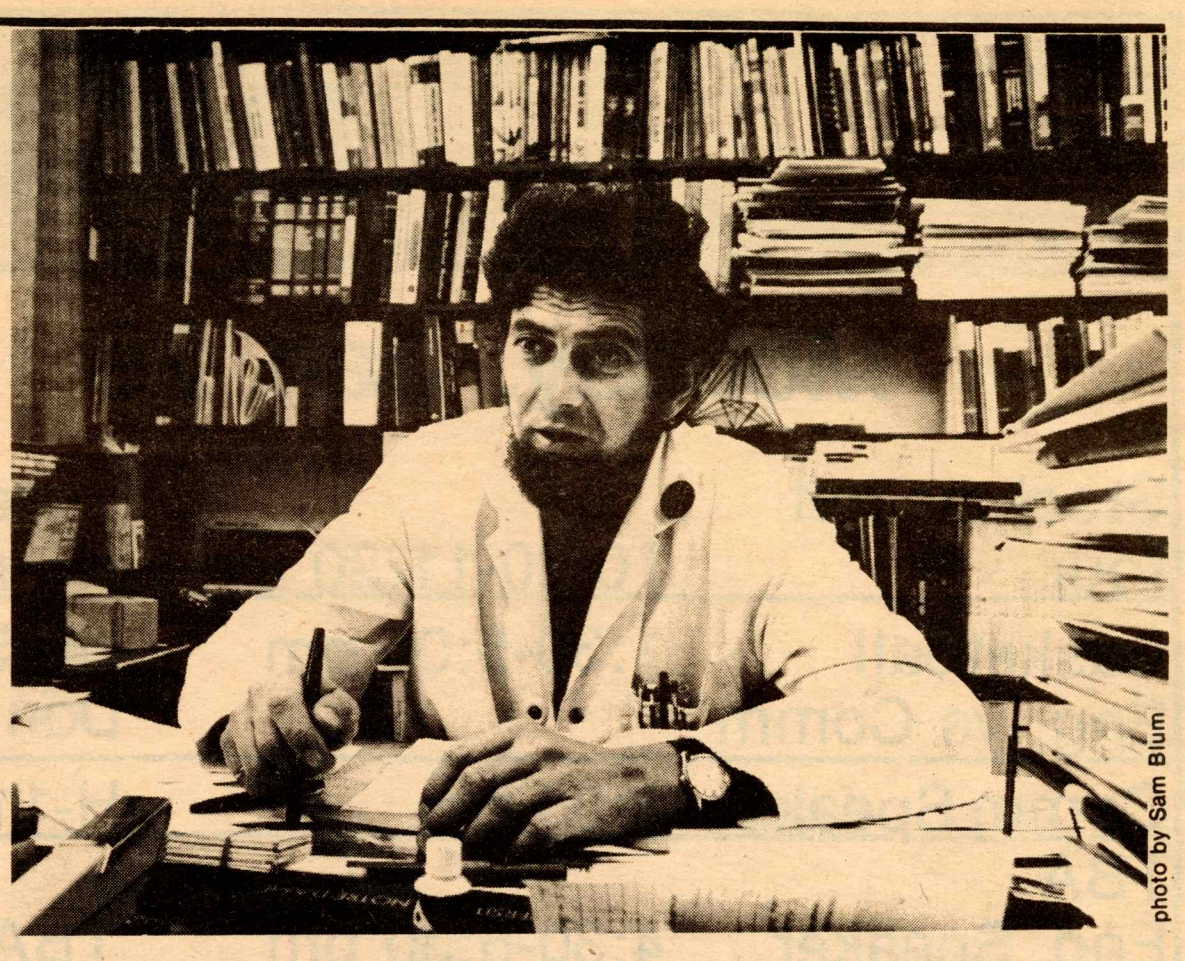


photo by Sam Blum

| | Administration Credits | Social Aspects Credits | Term-hours of Class | Term-hours of problems | Term-hours of laboratory | Number of Courses | Number of Credits | Number of Terms | Ratio of Classes to Credits | UNIVERSITY + CEGEP EXCEPT CEGEP I Courses | UNIVERSITY + CEGEP EXCEPT CEGEP I Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Concordia*(M.E.) | 3 | 6 | 97 | 11 | 38 | 35 | 120 | 6 or 8 | 0.81 | 47 | 158 |
| Ecole Polytechnique (G.M.) | 9 | 3 | 141 | 52 | 52 | 49 | 120 | 8 | 1.17 | 61 | 158 |
| Laval (G.M.) | 0 | 0 | 105 | 37 | 48 | 44 | 125 | 7 | 0.84 | 56 | 163 |
| McGill (M.E.) | 0 | 0 | 80 | 19 | 39 | 33 | 95 | 6 | 0.84 | 45 | 133 |
| Sherbrooke (G.M.) | 6 | 15 | 99 | 87 | 87 | 41 | 120 | 8 | 0.83 | 53 | 158 |
| UQATR (G.E.) | 6 | 0 | ? | ? | ? | 35 | 1;7 | 7 | ? | 47 | 143 |
| GEGEP II (Gen.) | 0 | (12) | (39) | 0 | (9) | (12) | (38) | (2) | (1.03) | | |
| CEGEP II, III (MT) | 0 | (12) | (65) | (34) | (12) | (36) | (85) | (4) | (0.76) | | |
| UQ B. Tech. (MT) | 15 | 0 | 63 | 12 | 23 | 25 | 72 | 4 | (0.89) | 61 | 157 |
| M.I.T. (M.E.) | — | 18+ | 86+ | 0+ | 37+ | 30+ | 90+ | 6+ | 0.95+ | 38 | 120 |

*Presently Sir George Williams University
*Massachusetts Institute of Technology second, third, and fourth years.

M.E. Mechanical Engineering
G.M. Genie Mecanique
G.E. Genie Electrique
Gen General
MT Mechanical Technology

# ENGINEERING CO

## Monday, Jan. 20

| | | |
|---|---|---|
| Stockmarket tour | 10:30-11:30 am | buses leave Norris at 10 |
| Basketball Eng. vs Comm | 1:30-5:00 pm | HMS Donnacona |
| Comm Speaker | 3:00 pm | H-110 |
| TBA | | |
| Eng. Speaker | 4:30-5:30 pm | TBA |
| TBA | | |
| WINE AND CHEESE (Comm & Eng) (ID's only) | 5:30-10:00 pm | H-651 |

## Tuesday, Jan. 21

| | | |
|---|---|---|
| Ping Pong Comm vs Eng | 9-12 am | Caf |
| Stockmarket Tour | 10:30-11:30 am | buses leave at 10 |
| Dosco Tour | 9-12 am | buses leave Hall at 8:15 |
| D.S.A. Speaker | 1:30 pm | H-110 |
| Smoker (Comm & Eng) (Id's) only | 6-12:00 pm | Shack |

## Wednesd

| | |
|---|---|
| Ping Pong (if necessary) | 9-1 |
| Stockmarket Tour | 10: |
| Broomball | 1-3 |
| Hockey | 3-5 |
| Eng. Speaker (Dr. H. McQueen) | 3:4 |
| "Art & Engineering' | |
| Beer Bash | 6 p |
| beer 3/$1.00 | |
| spaghetti dinner $1.00 | |

# OMMERCE WEEK

## day, Jan. 22

| | | |
|---|---|---|
| | 2 am | Caf |
| | 30-11:30 | buses leave Norris at 10 |
| | 3 pm | Fletcher's Field |
| | 5 pm | Fletcher's Field |
| | 45 pm | H-937 |
| | om | St. Catherine W. Brasserie 893 St. Catherine. |

## Thursday, Jan. 23

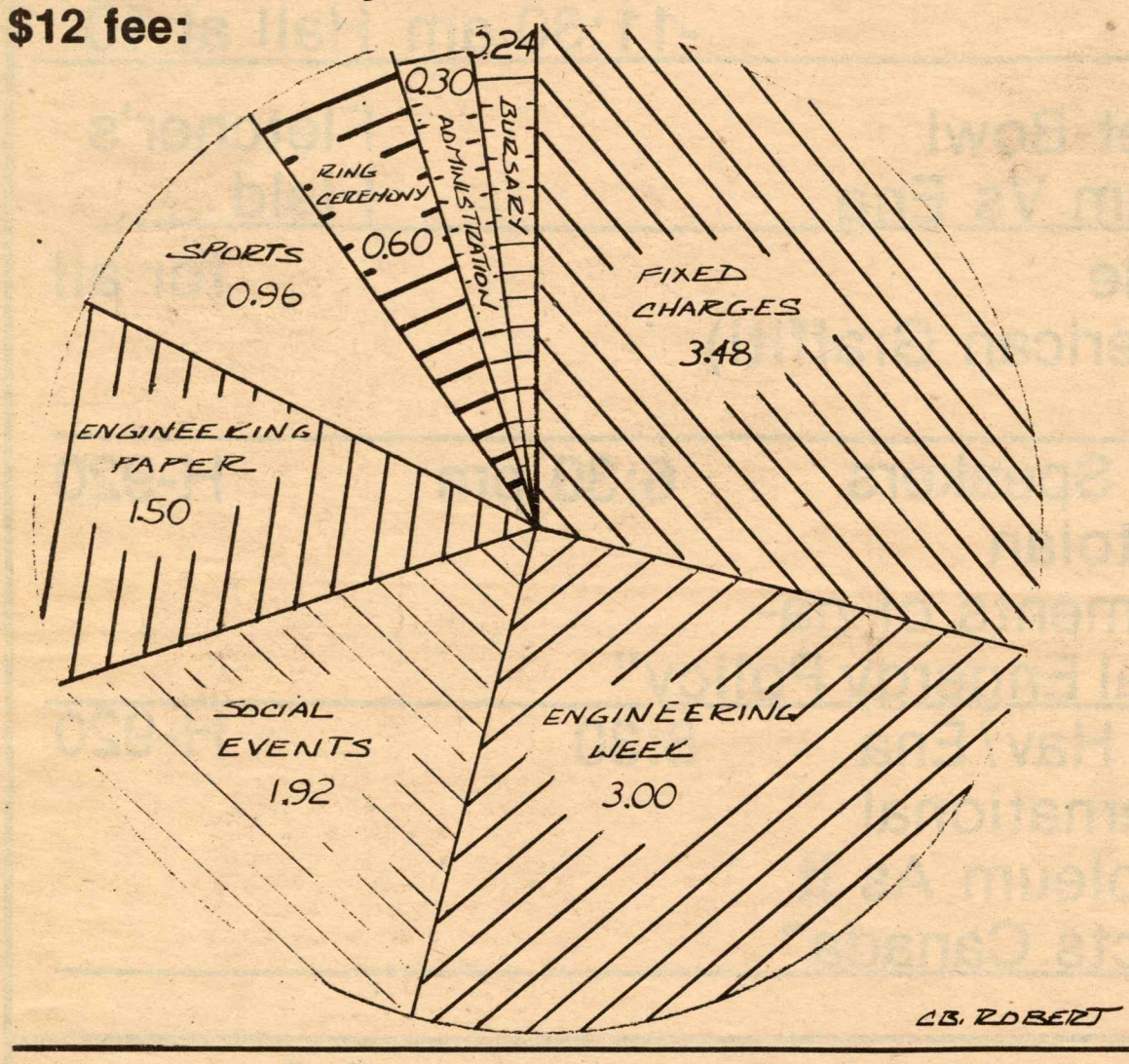
| | | |
|---|---|---|
| Canadian Titanium and Pigments Tour | buses leave 8 am | for all |
| Stockmarket Tour | 10:30 -11:30 am | buses leave Hall at 10 |
| Toilet Bowl Comm Vs Eng | | Fletcher's Field |
| Movie (American Graffiti) .50 | | for all |
| Eng. Speakers E. Stoian "Elements of national Engergy Policy" | 6:30 pm | H-920 |
| H.V. Hav/Ena "International Petroleum As it Effects Canada" | 8:30 | H-920 |

## Friday, Jan. 24

| | |
|---|---|
| Ski Trip (Mt. Sutton) | buses leave Hall 7:45 |
| Lift $3.00-sold at hill | 8:15 am 8:45 |
| Bus $2.50 Beer 3/$1.00 | |
| Day-downhill x country races | buses return 7:00 |
| Evening-dancing -music | 9:00 pm 11:00 |

# ENGINEERING UNDER GRADUATE ASSOCIATION BUDGET

**Distribution of your $12 fee:**




## REVENUES

| | | |
|---|---|---|
| FEES 74-75 | 666 at 12.00 | 7992.00 |
| BALANCE FROM 73-74 | | 51.00 |
| | total | 8043.00 |

## EXPENSES

**FIXED CHARGES:**

| | |
|---|---|
| IMPUTATION | 465.00 |
| TELEPHONE | 200.00 |
| D.S.A. PERMANENT STAFF SALARIES | 1155.00 |
| LOAN REIMBURSEMENT FOR PRESS | 500 |

**OPERATING BUDGET:**

| | |
|---|---|
| ENGINEERING WEEK | 2000.00 |
| ENGINEERING PAPER | 1000.00 |
| SPORTS | 650.00 |
| RING CEREMONY | 400.00 |
| SOCIAL EVENTS - FILMS, BEER bashes, etc. | 1300.00 |
| BURSARY TO NEEDY STUDENT | 150.00 |
| OFFICE SUPPLIES, PUBLICITY, PRINTING | 200.00 |
| TOTAL | 8020.00 |
| BALANCE | 23.00 |

## Budget Distribution

| | |
|---|---|
| FIXED CHARGES | 29.% |
| ENGINEERING WEEK | 25.% |
| SOCIAL EVENTS | 16.% |
| ENGINEERING PAPER | 12.5% |
| SPORTS | 8.% |
| RING CEREMONY | 5.% |
| ADMINISTRATION | 2.5% |
| BURSARY | 2.% |
| | 100.% |

# A concise analysis of engineers as they see each other

| | He works | His hobbies are | His attire is | He's friendly with | Politically he is | He hopes his image is that he is | His image actually is that he is |
|---|---|---|---|---|---|---|---|
| **Sales engineer** | In cocktail lounges & on golf courses | Entertaining | Very mod | Everyone | Liberal or P.C. or both | Honest & sincere | A swinger & an apple polisher |
| **Consultants** | 16 hours a day | Joining clubs | Conservatively mod | Everyone but other consultants | Liberal or P.C. | Public spirited | Rich and snooty |
| **Academics** | For a few hours a week, 7 months a year with frequent sabbaticals | Moonlighting | Wrinkled | Other academics | N.D.P. | Wise & learned | Impractical & dull |
| **Civil servants** | When the boss is looking | Sports | Out of date | His dog | Undeclared | Hard working & dedicated | More red tape |
| **Contractors** | All summer | Reading Playboy | Sporty | Civil servants | Lib. or P.C. P.C. | Honest & reliable | Good at swearing |
| **Industry** | Hard & regularly | Calling his broker | Double breasted blue serge | Chamber of Commerce types | P.C. | A champion of free enterprise | A corporate welfare bum |
| **Geologists** | Among black flies | Weekends at home | Parkas and boots | Lemmings | | Sophisticated | Bushed |

COMPUTER PRINTOUT

# Computer Science at Sir George

**The material for this article was taken from an interview with Mr. Atwood, Professor of Computer Science at Sir George.**

The Department of Computer Science was formed in the fall of 1972, prior to this, however, there were three professors who worked full time on computer studies, then Dean Callahan (Engineering) in conjunction with these three professors applied to the Dept. of Education to create Computer Science as it is today.

Administratively Computer Science is part of Engineering, that is to say all the bills are charged to Engineering, however academically it is controlled by the Computer Science Committee, this being made up of members of all faculties and members from senate. Computer Science itself has three sections, electronics, business, and science (referring to the respective uses of computers). There are thirteen fulltime professors, 150 day and 90 evening students however these professors are also responsible for teaching the general computer courses, which have thousands of students. A masters program began in 1974 and a doctoral program is being prepared.

As to the four or five people at Loyola they were originally to be absorbed by Sir George Computer Science, however this is now under review.


# Player's International

## Pro Track. It's pure excitement. Like you've never seen before.

The men competing are among the biggest names in the sport of track and field. Olympic athletes of consummate skill, who have set 150 world records... 17 of which are still *current* world records!

Athletes like Jim Ryun, currently the world record holder in the mile, at 3:51.1. Lee Evans, world record-holder in the 400 meter sprint. Bob Hayes, recognized as the fastest man alive. Bob Seagren, world record holder in the pole vault, at 18' 6¾". Randy Matson, first shot-putter to break the 71-foot barrier. Wyomia Tyus, the only sprinter to win the 100 meters dash in consecutive Olympics.

Make sure you get in on the action by getting your seats early. Admission is $3.00, $5.00 and $8.00.

The Player's International Pro Track Meet. It's pure excitement.

Like you've never seen before.

## Forum. January 17

PLAYER'S NAVY CUT

Conducted by the International Track Association.

# ENGINEERING SPORTS

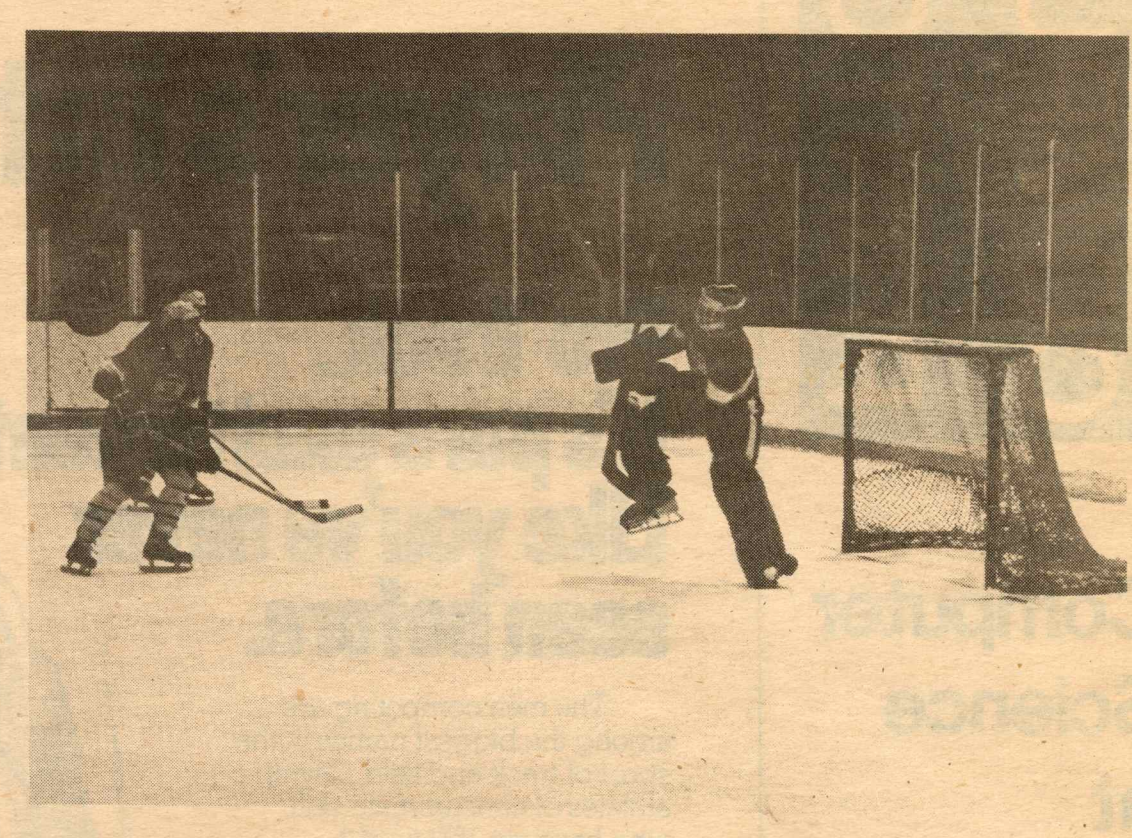
## Andy's Angle

Hello Engineering Sport fans. Welcome bact to a new year of fun and excitement at Con. U. For those studious engineers who are just waking up from last term, we do have a sports program, and all are invited.

One of the great highlights of last term was with our football team. In the annual Sir George-McGill flag football game, the engineering ballers defeated the plumbers of McGill 15-10. This has finally broken our six year slump. Our multinational soccer team pulled home another victory a week later out kicking McGill 5-3. We also have two floor hockey teams who are doing quite well in their league. Broomball is just getting started and they need players, so sign up if you are interested.

Our hockey team started on the wrong foot at the start of this season but now better organized and with the players having got their second and third wind, they are coming alive. They proved themselves in their last game before Christmas, by overwhelming Arts 9—3. The previous games were not as impressive, but with the experience from the first half of the season behind us, we will surely raise our position in the standings.

We in engineering would like to thank all the players, organizers and fans for their participation and support in all our events. The year is not over, because we still have the second term, with more events. Basketball will be starting and there are many events scheduled for engineering week. For information on teams and events go up to the Engineering offices-1180-1,2,3.



Last fall not satisfied with the humbling defeat of the Plumber's football team, the engineers who happen to form the nucleus of the Sir George Varsity soccer squad decided to further the humiliation of the once mighty??? McGill engineers. These stars (as they insist on being called) invited a few friends to complete the squad.

This squad then proceeded to completely overwhelm McGill's assembly of mismatched athletes with their superior skill in passing and shooting on their way to a 5—3 defeat on their own field.

According to our stars?, the score could have been much higher had it not been for what they described as inefficient, inconsistent, incoherent and stupid calls of the referee. Begging to disagree, I think the referee (myself of course) did an extremely good and impartial job of letting the game deteriorate beyond control.

## Engineering Broomball League

This year the engineering faculty is running its own broomball league on Friday evenings from 8:00 to 10:00. The games will be played at de La Savanne Park, in the same rink which was used last year which is situated at Decarie and de La Savanne.

The league, beginning Friday Jan. 10th, will consist of four teams for Civil, Electrical, Mechanical and Computer Science. Engineering alumni and staff are also encouraged to participate.

An Allstar team will be chosen from all participants to compete against Commerce during Engineering Week. Sometime towards the end of February, a championship team will be determined and this team will play against McGill to try to extend our winning streak against them in sports this year.

All those interested in participating in the broomball league should come up to the office of the Engineering Undergraduate Association in room H 1180-2 to sign up. Directions for getting to the park will be available there.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